

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Abbott, et al.

Group Art Unit:

Serial No.:

10/629,027

Examiner:

Filed:

July 28, 2003

Docket:

THERMO.1013

For: SHAPED HEATERS AND USES THEREOF

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-entitled matter, Applicants hereby attach U.S. Patent Office Form PTO-1449, including copies of the references listed thereon. The claims in the present application are believed to be patentably distinguishable over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(a). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(a) relies on a materiality concept which depends on subjectivity.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

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Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on March 11, 2004 at Manchester, New Hampshire.

By: Stephanied Capme

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Docket Number (Optional) Application Number **THERMO.1013** 10/743,677 INFORMATION DISCLOSURE CITATION Applicant(s) Abbott, et al (Use several sheets if necessary) Group Art Unit Filing Date

MAR	3 %	K e		U.S. PATENT DOCUMENTS				
MAK	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		G DATE OPRIATE
	عند الله	2002/0038799	04/04/02	Laken, et al.	219	476	02/12/0	1
		2,799,764	07/16/57	Chandler			10/15/53	3
		3,425,864	02/04/69	Morey			07/21/6	5
		3,697,728	10/10/72	Stirzenbecher	219	548	12/4/69	
		3,922,386	11/25/75	Ros	427	96	01/26/7	3
		4,032,751	06/28/77	Youtsey, et al.	219	538	04/21/7	5
		4,039,777	08/02/77	Baker	219	439	06/23/70	6
		4,280,046	07/21/81	Shimotori	219	544	11/30/7	9
•		4,310,745	01/12/82	Bender	219	213	11/26/7	9
		4,377,618	3/22/83	Ikeda, et al.	428	323	07/22/8	1
		4,388,522	06/14/83	Boaz	219	522	02//08/8	32
			•	FOREIGN PATENT DOCUME	INTS	•		
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Tran YES	islation NO
		WO 96/11288	04/18/96	PCT	C23C	14/08	1	
		WO 96/37763	11/28/96	PCT	G01J	05/00	1	
		WO 97/03236	01/30/97	PCT	C30B	31/12		7
		WO 97/33300	09/12/97	PCT	H01J	37/32	1	
		WO 98/51127	11/12/98	PCT	H05B	03/26	1	
				OTHER DOCUMENTS (Incl	luding Author, Title, I	Date, Pertinent P	ages, Etc.)	.!
		"Rapid Thermal Pro	cessing" by Chac	Fasca; March 1998; pages 35, 4	0, and 58			
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EXPLANER INA INC.	REF	Si GE	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
		4,46	9,936	09/04/84	Hunter		219	543	04/22/83	3
		4,48	5,297	11/27/84	Grise, e	t al.	219	528	08/21/81	
		4,49	8,071	02/05/85	Plough,	Jr. et al.	338	308	09/30/82	2
		4,53	2,164	07/30/85	Clauncl	h, II et al.	428	36	09/15/83	3
		4,67	9,165	09/29/87	Ishigur	o et al.	338	34	10/23/85	5
		4,71	3,350	12/15/87	Schitter	nhelm, et al.	219	543	09/26/86	<u> </u>
		4,72	0,716	01/19/88	Ikeda e	t al.	346	140	11/24/86	5
		4,72	4,305	02/09/88	Iimura et al.		219	469	03/07/86	
		4,72	5,710	02/16/88	Ramus, et al.		219	203	11/07/85	
•		4,73	3,055	03/22/88	Cunningham		219	540	08/25/86	
		4,74	3,940	05/10/88 Nagas		ka, et al	355	3 FU	09/15/87	7
					FOREIG	N PATENT DOCUMENTS				
	REF		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Tran: YES	slation NO
		wo	00/29635	05/25/00	PCT		C23C	4/12	1	
-		wo	00/70915	11/23/00	PCT		H05B	1/02	1	
		wo	01/43506	06/14/01	PCT		H05B	3/14	1	
		GB9	924497	04/24/63	Great I	Britain -Abstract Only	C22C	32/00	1	
		GB	2099670	12/08/82	Great I	Britain -Abstract Only	H05B	3/14	1	
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Form PTO-A820 (also form PTO-1449)

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
THERMO.1013	10/743,677
Applicant(s) Abbott, et al	
Filing Date	Group Art Unit
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•				U.S. PATENT DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	
•		4,776,070	10/11/88	Shibata, et al.	29	130	03/10/87	
		4,808,490	02/28/89	Tsukuda, et al.	428	699	10/29/86	
		4,813,372	03/21/89	Kogure, et al.	118	60	05/07/87	
		4,857,689	08/15/89	Lee	219	10.71	03/23/88	
		4,860,434	08/23/89	Louison, et al.	29	611	04/07/88	
		4,868,899	09/19/89	Bard, et al.	219	543	02/16/88	
		4,870,388	09/26/89	Sugata, et al.	338	308	03/04/87	
-		4,889,974	12/26/89	Auding, et al.	219	543	02/22/88	
		4,970,376	11/13/90	Mellor, et al.	219	543	12/22/87	1
•		5,004,893	04/02/91	Westover	219	505	11/07/88	}
		5,039,840	08/13/91	Boardman	219	270	01/10/90	
				FOREIGN PATENT DOCUMENTS				
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
		DE3325204	01/24/85	Germany (Abstract Only)	H05B	3/26	1	
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Abbott, et al.	
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		5,060,354	10/29/91	Chizinsky	29	25.02	07/02/90
		5,213,848	05/25/93	Zurecki, et al.	427	449	07/09/91
		5,252,807	10/12/93	Chizinsky	219	390	10/23/91
		5,254,359	10/19/93	Zurecki, et al.	477	449	06/14/91
		5,260,014	11/09/93	Holton, et al.	264	134	06/13/91
		5,269,178	03/22/94	Sugihara, et al.	264	130	01/07/92
		5,324,920	06/28/94	Nakao	219	542	10/18/91
		5,364,522	11/15/94	Wang	205	50	03/22/93
•		5,359,179	10/25/94	Desloge, et al.	219	535	12/29/92
		5,395,606	03/07/95	Xiao, et al.	423	411	11/03/93
				FOREIGN PATENT DOCUME			1

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	5,600,414	02/04/97	Hyllberg	399	176	03/13/95	
	5,616,263	04/01/97	Hyllberg	219	469	04/01/97	
	5,616,266	04/01/97	Cooper	219	543	07/29/94	
	5,624,591	04/29/97	Di Trapani	219	522	09/12/95	
	5,643,483	07/01/97	Kubota, et al.	219	543	03/08/95	
	5,643,839	07/01/97	Takagi	437	247	01/25/95	
	5,646,482	07/08/97	Suzuki, et al.	313	582	05/30/95	
	5,665,262	09/09/97	Hajaligol, et al.	219	553	01/09/95	
	5,667,712	09/16/97	Sutorius, et al.	219	535	02/16/96	
 -	5,714,738	02/03/98	Hauschulz, et al.	219	535	07/10/95	
	5,724,187	03/03/98	Varaprasad, et al.	359	608	04/27/95	
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		
•		5,753,891	05/19/98	Iwata, e	Iwata, et al.		390	08/31/95	
		5,822,675	10/13/98	Paquet,	et al.	428	561	02/12/97	
		5,841,111	11/24/98	Shea, et	al.	219	504	12/19/96	
		5,939,151	08/17/99	Prichar	d, et al.	427	576	10/23/97	
		6,074,194	06/13/00	McHug	h	425	447	02/13/98	
		6,258,416	07/10/01	Seitz		427	449		
		6,433,317	08/13/02	Arx, et	al.	219	468.1	04/07/00	
		5,322,075	06/21/94	Deevi, e	t al.	131	194	09/10/92	
		3,968,347	07/06/76	Isoard		219	530	02/07/75	
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